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**FAX COVER LETTER**

Date: October 29, 2004

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**TO:** Examiner Neveen Abel-Jalil  
**COMPANY:** U.S. Patent Office  
**PHONE:**  
**FAX:** 703 872-9306

**FROM:** Raymond E. Roberts  
**DIRECT DIAL:** (408) 558-7892  
**E-MAIL:** rroberts@IPLO.com

**RE:** Serial No. 10/065,261; Applicant: Paul Cheng; Filed: September 30, 2002;  
Entitled: Search Engines for Large Database Search Using Hash Pointers;  
Atty. Docket No. 60409.300902

**COMMENTS:** Attached for filing are the following documents:

1. Transmittal; and
2. Response to Office Action.

Respectfully submitted,

  
RAYMOND E. ROBERTS, Reg. No. 38,597

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Completed by Pat Beilmann

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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OCT 29 2004

Applicant: Cheng, Paul

Docket No: 60409.300902

Serial No: 10/065,261

Group Art Unit: 2175

Filing Date: September 30, 2002

Examiner: Abel-Jalil, Neveen

For: "SEARCH ENGINES FOR LARGE DATABASE SEARCH USING HASH  
POINTERS"MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL

☒ Transmitted herewith is a Response to Office Action for this application.

## STATUS

☒ Applicant is  
☒ a small entity.  
☐ other than a small entity.

## EXTENSION OF TIME

☐ Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

	Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/>	one month	\$ 110.00	\$ 55.00
<input type="checkbox"/>	two months	\$ 430.00	\$215.00
<input type="checkbox"/>	three months	\$ 980.00	\$490.00
<input type="checkbox"/>	four months	\$1,530.00	\$765.00

Fee \$ \_\_\_\_\_

☐ If an additional extension of time is required please consider this a petition therefor.☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

## Certificate of Transmission (37 CFR 1.8)

I hereby certify that this paper (along with any referred to as attached or enclosed) is being transmitted on the date shown below to the Commissioner for Patents, Washington, D.C.

Via facsimile to: (703) 872-9306

October 29, 2004  
(date)Patricia Beilmann  
(Signature of Patricia Beilmann)

- ☒ Applicant believes that no extension of time is required. However, this conditional petition is hereby made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

### FEE FOR CLAIMS

(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY	OR	OTHER THAN A SMALL ENTITY	
Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee	Rate	Addit. Fee
Total *	Minus *0*	=		x9=	\$	x18=	\$
Indep. *	Minus *0*	=		x44=	\$	x88=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+150=	\$	X300=	\$
				TOTAL ADDIT. FEE	\$	OR	TOTAL ADDIT. FEE
							\$

- ☒ No additional fee for claims required.  
☐ Total additional fee for claims required \$\_\_\_\_\_.

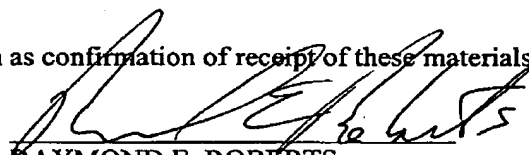
### FEE PAYMENT

- ☐ Attached is a check in the sum of \$\_\_\_\_\_  
☐ Charge Account No. 08-3240 the sum of \$\_\_\_\_\_.  
A duplicate of this transmittal is attached.

### FEE DEFICIENCY

- ☒ In the event that: a) no check to cover the filing fee is enclosed, b) any above-referenced check is inadvertently omitted or lost, or c) any enclosed check is in an amount less than or greater than the required fee, the Commissioner is authorized to charge any required fees, additional fees, or credit any overpayment to Deposit Account 08-3240. A duplicate of this authorization is enclosed for that purpose.
- ☒ Attached is a postcard for date-stamped return as confirmation of receipt of these materials.

Date: October 29, 2004

  
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Docket No.: 60409.300902

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **CHENG, Paul**  
For (title): **SEARCH ENGINES FOR LARGE DATABASE SEARCH USING HASH**  
5 **POINTERS**

Filing Date: **09/30/2002**  
Serial No: **10/065,261**

Examiner: **ABEL-JALIL, Neveen**  
Art Unit: **2175**

10 Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313

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## RESPONSE TO OFFICE ACTION

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Sir:

In response to the Office Action dated 08/10/2004 (Paper Number 2), Applicant submits  
the following remarks, currently due on a statutory period for response extending through

20 11/10/2004.

## Certificate Of Mailing Or Transmission (37 CFR 1.8)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office at 703 272-7306 on the date shown below.

OCT 29 2004  
(Date)

Patricia Belman  
(Signature of person sending paper)

PATRICIA BELMAN  
(Typed or printed name of person sending paper)